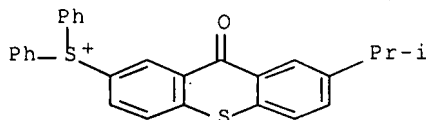


L33 ANSWER 28 OF 63 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1997:204639 HCAPLUS Full-text
 DOCUMENT NUMBER: 126:186932
 TITLE: Energy ray-curable compositions and their cured products with excellent dimensional precision
 INVENTOR(S): ~~Abe~~, Tetsuya; Yoshioka, Ritsuko; Yokoshima, Minoru
 PATENT ASSIGNEE(S): Nippon Kayaku Kk, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: **Patent**
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09012615	A	19970114	JP 1995-185087	19950629 <--
PRIORITY APPLN. INFO.:			JP 1995-185087	19950629 <--

OTHER SOURCE(S): MARPAT 126:186932
 ED Entered STN: 28 Mar 1997
 AB The comps., suited for optical molding, contain ethylenically unsatd. compds., cationically-polymerizable compds., and sulfonium photopolymn. initiators containing thioxanthone structure. Cured products of above comps. are also claimed. Thus, 38.4 parts 2,4-di-Et thioxanthone was reacted with 23.8 parts 4,4'-difluorodiphenyl sulfoxide at 25° and further reacted with 619.9 parts NaSbF6 aqueous solution (solid content 37.1 parts) to give a precipitate, 3 parts of which was blended with dipentaerythritol hexaacrylate 15, 3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexane carboxylate 55, and bisphenol A divinyl ether 30 parts to give a composition. Then, the composition was injected in a mold and photopolymd. to give a cone-shape cured product showing excellent mech. strength and dimensional precision.
 IT 181144-51-4P
 RL: CAT (Catalyst use); IMF (Industrial manufacture); TEM (Technical or engineered material use); **PREP (Preparation)**; USES (Uses)
 (sulfonium photopolymn. initiators containing thioxanthone structure for optical molding comps.)
 RN 181144-51-4 HCAPLUS
 CN Sulfonium, [7-(1-methylethyl)-9-oxo-9H-thioxanthen-2-yl]diphenyl-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)
 CM 1
 CRN 181144-50-3
 CMF C28 H23 O S2



CM 2
 CRN 16919-18-9
 CMF F6 P

CCI CCS

